

**APPENDIX B: REPLACEMENT PARAGRAPHS (CLEAN COPY)**

*Change 1: Please delete the blank space on page 62 of the specification*

*Change 2: Please insert the following paragraphs at page 4, between lines 12 and 14:*

**BRIEF DESCRIPTION OF THE DRAWINGS**

**Figure 1A-1L** show electrophoresis gels from RFLP analyses of BASB019.

**Figures 2A-2D** show consecutive segments of sequence alignment for four BASB019-encoding polynucleotides.

**Figures 3A-3B** show consecutive segments of sequence alignment for four BASB019 polypeptides.

**Figure 4** shows an SDS-PAGE of BASB019 protein.

**Figure 5** shows a Western-blot of BASB019 protein probed with tetra-His antibody.

**Figure 6** shows a Western-blot of purified recombinant BASB019 protein probed with anti-recombinant protein sera at 1:200.

**Figure 7** shows a Western-blot of whole cell lysates of 16 strains of *M. catarrhalis* using pooled sera against the recombinant BASB019 protein (Sera was diluted 1:2000).

**Figure 8** shows a Western-blot of purified recombinant BASB019 probed with pooled human convalescent sera at 1:100.